

Uruguay. Instituto meteorológico nacional.

- Resumen de las observaciones . . . Montevideo . . .
 1908. t.-p. w. n. p. f°.
 Resumen de las observaciones . . . Montevideo . . .
 1909. t.-p. w. n. p. f°.
 Resumen de las observaciones . . . Montevideo . . .
 1910. t.-p. w. n. p. f°.

Vanderlinde, E[mile].

- Etude sur les phénomènes périodiques de la végétation dans leurs rapports avec les variations climatiques . . . Bruxelles.
 1910. [4], 247-323 p. 16 plates. 4°. (*Extr.: Recueil de l'Institut bot. Leo Errera, t. 8.*)

Voelkov, A. I.

- Meteorologija. Dlja srednikh uchebnykh zavedenij i dlja prakticheskoi zhizni. 3d ed. S.-Peterburg. 1910. viii, 192 p. 8°.

Voller, A.

- Das Grundwasser in Hamburg . . . Heft 18. 1910. f°.

RECENT PAPERS BEARING ON METEOROLOGY AND SEISMOLOGY.

C. FITZHUGH TALMAN, Librarian.

The subjoined titles have been selected from the contents of the periodicals and serials recently received in the library of the Weather Bureau. The titles selected are of papers or other communications bearing on meteorology or cognate branches of science. This is not a complete index of the meteorological contents of all the journals from which it has been compiled; it shows only the articles that appear to the compiler likely to be of particular interest in connection with the work of the Weather Bureau. Unsigned articles are indicated by a _____.

Australia. Department of agriculture. Journal. Victoria. v. 9. April, 1911.

- Ewart, Alfred J. Rain trees. p. 234-235.

Journal of the Franklin institute. Philadelphia. v. 171. May, 1911.

- Marvin, Charles F. Upon the construction of the Wheatstone bridge for electrical resistance thermometer. p. 439-455.

Knowledge. London. v. 8. 1911.

- Davison, Charles. British earthquake. p. 51-55. (February.)

- Murray, James. Red snow. p. 109-110. (March.)

- Murray, James. Some works referring to red snow. p. 152. (April.)

Photographic times. New York. v. 43. May, 1911.

- Davis, William S. The charm of clouds. p. 167-172. [Illustrated with cloud photographs.]

London, Edinburgh, and Dublin philosophical magazine. London. 6 ser. v. 21. May, 1911.

- Thornton, W. M. On thunderbolts. p. 630-634. [Ball lightning due to ozone.]

- Rudge, W. A. Douglas. Notes on the electrification of the air near the Zambesi Falls. p. 611-615.

Royal society of Canada. Proceedings and transactions. Ottawa. ser. 3 v. 3. 1909.

- The meteorological service of Canada. p. cxli-cxlv.

Royal meteorological society. Quarterly journal. London. v. 37. January, 1911.

- White, M. (Miss). Results of the hourly balloon ascents made from Manchester, March 18-19, 1910. p. 1-10.

- Dines, W. H. Registering balloon ascents, December 6-11, 1909, and August 8-13, 1910. p. 11-16.

- Cave, C. J. P. Pilot balloon observations in Barbados, December 6-11, 1909. p. 17-22.

- Marriott, William. Registering balloon ascents at Liverpool, June 21-23, 1910. p. 23-28.

- Ley, C. H. Report on balloon experiments at Blackpool, 1910. p. 33-58.

- Ley, C. H. The meteorological significance of small wind and pressure variations. p. 59-68.

- Schmidt, Wilhelm. Atmospheric waves of short period. p. 73-79.

Royal meteorological society. Quarterly journal. London. v. 37. April, 1911.

- Mellish, Henry. The present position of British climatology. p. 105-124. [With bibliography of British climatology.]

- Cooke, Richard, & Russell, Spencer C. Variation of the depth of water in a well at Detling, Maidstone, compared with the rainfall, 1885-1909. p. 125-162.

- Clayden, Arthur W. The actinograph: An instrument for observing and recording changes in radiation. p. 163-167.

- Clark, Kenneth McR. A new set of cloudiness charts for the United States. p. 169-175.

Royal society of London. Proceedings. London. Series A. v. 85.

No. A 577.

- Simpson, G. C., & Wright, C. S. Atmospheric electricity over the ocean. p. 175-199.

Symons's meteorological magazine. London. v. 45. April, 1911.

- _____. Insurance against rain. p. 41-45.

- Gold, E. The use of meteorological observations in connection with holiday insurance. p. 45-47.

- Hann, Julius. The "supposed" cold of winter anticyclones. p. 52-53. [Reply to an article by Dines.]

Syracusan. Syracuse. v. 3. April, 1911.

- Sanford, M. R. The value of climatological data. p. 37-39.

Bulletin agricole du Congo Belge. Bruxelles. v. 1. Décembre, 1910.

- Gasthuys, P. Note sur la réorganisation du service météorologique. p. 310-317. [Includes map of the meteorological stations.]

Ciel et terre. Bruxelles. 52 année. Avril-mai 1911.

- Guilbert, G. Sur la prévision de la tempête du 13 mars 1911. p. 133-138.

- Nodon, A. Les cyclones et les perturbations solaires. p. 138-155.

France. Académie des sciences. Comptes rendus. Paris. Tome 152. 1 mai 1911.

- Störmer, Carl. Résultats des mesures photogrammétriques de l'altitude de l'aurore boréale à Boekop aux mois de février et de mars 1910. p. 1194-1196.

Nature. Paris. 39 année. 1911.

- _____. Photographies d'aurore boréale. p. 313-314. (15 avril.) [Illustrated.]

- _____. Curieux effets de la foudre. Une antenne de télégraphie sans fil volatilisée par un éclair.—L'éclair en boule. p. 339-340. (22 avril.) [Illustrated.]

- Troller, A. La résistance de l'air et l'aviation. p. 355-358. (29 avril.)

- Loisel, J. Le vent. p. 368-371. (6 mai.) [Illustrated.]

- Mascart, Jean. Les colorations de la lune pendant les éclipses. p. 374. (6 mai.)

Le Radium. Paris. Tome 8. Avril 1911.

- Chauveau, A. B. Sur quelques données actuelles relatives à l'électricité de la pluie. (À propos des observations récentes de M. Baldit. p. 153-156.)

Société météorologique de France. Annuaire. Paris. 59 année. Janvier 1911.

- Mialaret, Th. Contribution à l'étude du climat de la Nouvelle-Calédonie; observations faites à Païta. p. 15-19.

- Guilbert, Gabriel. La nouvelle méthode de prévision du temps. Réponse aux objections de M. Angot. p. 20-27.

Annalen der Hydrographie und maritimen Meteorologie. Berlin. 39. Jahrgang. Heft 4. 1911.

- Deutsche Seewarte. Erneute Versuch mit vollkommenen Nachsturmsignalen an der deutschen Küste. p. 169-170.

- Mey. — Die Passatwinde des atlantischen Ozeans. p. 170-177.

- Schulz, Bruno. Die Strömungen und die Temperaturverhältnisse des Stillen Ozeans nördlich von 40° N. Br. Einschließlich des Bering-Meeres. p. 177-190; 232-264. [IV. Die Lufttemperatur auf dem Meere und an den Küsten.] p. 257-264.]

Annalen der Hydrographie und maritimen Meteorologie. Berlin. 39. Jahrgang. Heft 5. 1911.

- Lütgens, Rudolf. Die Grösse der haupsächlichsten Windgebiete auf dem Meere. p. 265-267.

Aus dem Archiv der deutschen Seewarte. Hamburg. 33. Jahrgang. No. 4. 1910.

- Steffens, Otto. Über neue meteorologische Apparate. p. 3-11.

Meteorologische Zeitschrift. Braunschweig. Band 28. April 1911.

- Voelkov, Aleksandr Ivanovich. Antarktis. p. 145-159.

- Köppen, Wladimir. Luftbahnen am Erdboden und in der freien Atmosphäre. 159-176.

- Knoche, Walter, & König, Willi. Über Häufigkeitswerte der Temperatur zu Marggrabowa, Berlin und Helgoland 1891 bis 1900. p. 167-173.

- D., A. Einige Untersuchungen über Aktionszentren der Atmosphäre im fernen Osten. p. 173-175.

- Bassus und Schmausa zur Frage: Die Gastemperatur des frei-ballons. p. 175-176.

- Hann, Julius. Klima von Scutari. p. 176-177.

- Ficker, Heinrich v. Absteigende Luftbewegung bei s. Föhn und n. Föhn. p. 177-182.

- Zum Klima der südlichen Mandschurei und Ost-China. p. 183-184.

- Marten, W. Zur Frage der Bewölkungsschätzung. p. 184-187.

Mitteilungen aus den deutschen Schutzgebieten. Berlin. 24. Band. 1. Heft. 1911.

- Langbeck, K. Niederschlagsregistrierungen am Kamerungebieten vom Jahre 1909-10 unter Berücksichtigung der täglichen Regenverteilung in den Tropen. p. 1-15.

Prometheus. Berlin. Jahrgang 22. 22. April 1911.

- Wehner, Heinrich. Das Turkanestanische Beben vom Januar 1911, und einige andere neuere Katastrophen in Beziehung zu der Kernwandlungshypothese. p. 449-455.

Woche. Berlin. 18. Jahrgang. 29. April 1911.

Köppen, W[ladimir]. Wettervorhersagen auf längere Zeit. p. 683-686.

Zeitschrift für Instrumentenkunde. Berlin. 31. Jahrgang. April 1911.

Samel, P. Verwendbarkeit von Siedethermometern und Quecksilberbarometern zur Höhenmessung. p. 127-129.

Nuovo cimento. Pisa. anno 57. gennaio 1911.

Pugliese, Alberto. Giuseppe Gerosa. p. 7-20. [Necrology. With portrait.]

Società geografica italiana. Bollettino. Roma. ser. 4. v. 12. 1911.

Pullè, Giorgio. Fenomeni idrologici e climatologici nel bacino delle Senna. p. 31-56; 214-257. (Gen., Febr.)

Mazzolani, D. A. La provincia dello Junnan. p. 476-504. (April.) [Climatology, p. 477-478.]

JESSE H. ROBINSON, 1843-1911.

The Weather Bureau has again sustained the loss of an old and valued official in the death (at Washington, D. C., on May 1, 1911) of Mr. Jesse H. Robinson, Chief of the Telegraph Division.

Mr. Robinson entered the service as a private in the Signal Corps on March 6, 1872, by transfer from the

Eighth Cavalry. He attained the grade of first-class sergeant in 1890, was appointed chief operator in 1891, and chief of the Telegraph Division in 1902. He was on telegraph duty at a number of stations on the Atlantic coast and served at the Central Office from August 4, 1877, until the time of his death.

The perfection of the first cipher code for the transmission of Weather Bureau reports was largely due to him, and the existing telegraph and cable lines of the Weather Bureau were constructed and laid principally under his supervision. He was noted for his thorough knowledge of the details of the telegraph service and his conscientious and efficient performance of the duties of his position.

At a meeting of the officials of the bureau on duty at the Central Office at the time of his death, the following resolution was passed:

Resolved. That we, as representatives of the entire membership of the bureau, desire to express our appreciation of Mr. Robinson's many excellent qualities and our sense of the loss to the bureau of a highly competent and loyal official, a genial associate, and a faithful friend.

H. E. W.